



# VIGHNESH PADMACHANRAN

## CIVIL ENGINEER

### Personal Details

- ✉ vighneshpc93@gmail.com
- ☎ +91-9884657332
- 📍 Trivandrum, Kerala, India
- 🌐 [linkedin.com/in/vighnesh-padmachandran-627352142/](https://www.linkedin.com/in/vighnesh-padmachandran-627352142/)

### Technical Skills

- Good knowledge in Design Softwares- AutoCAD, Civil 3D, Revit, Navisworks, BIM 360, Staadpro Connect
- Project Planning Softwares – Primavera and MSP.
- Good knowledge in Microsoft PowerPoint, Microsoft Word & Microsoft Excel.

### Soft Skills

- Self-motivated and dedicated.
- Team Player.
- Flexible.
- Positive Attitude.
- Critical Thinking.
- Leadership

### Education Background

- Indian Institute of Infrastructure and Construction  
Post Graduate Diploma in Advanced Construction Management  
Completed in 2022  
Grade: B
- Hindustan Institute of Technology and Science, Chennai  
M.Tech in Highway Engineering  
Completed in 2018  
CGPA: 9.73
- Hindustan Institute of Technology and Science, Chennai  
B.Tech in Civil Engineering  
Completed in 2016  
CGPA: 6.7

### Professional Summary

To Achieve high career growth in the field of highway engineering through a continuous process of learning for achieving goal and to make a position for myself in the competitive corporate world and contribute to achieving the goals on both professional and personal level.

### Work Experience

#### Maccaferri Infrastructure Private Limited – Senior Engineer

March 2023 – Present

- Worked on Reinforced Soil retaining Wall Projects for highways
- Checked technical designs of panels and ensured panels are erected at site as per plan.
- Checked plumb, line, level and alignment of Erected RE Panels.
- RS Walls Panel Casting Yard In charge.
- Ensured proper Paraweb laying of different grades and layers according to section heights.
- Ensured Panels are casted according to the design.
- Regular checking of RE Wall panel moulds to maintain work quality.
- Ensured Levelling pad PCC Work with shear key up to erection of RE Walls at Site with Coping Beam on top.
- Checked Ground Improvement works with respect to plans and designs.
- Checked levels of Panel sitting from Top of Levelling Pad to Top of Coping Beam.
- Attended Meetings with Client and Contractors & discussed progress, Planning Project Schedules and plan of actions for any contingencies.
- Adhered to safety and company policies

#### Silvercastle Construction Company, Trivandrum – Engineer

March 2020– September 2021

- Worked on Residential Projects
- Checked technical designs and drawings to ensure they are followed correctly.
- Attended meetings and discussed project details with clients and contractors.
- Prepared quantity surveys and estimates of residential buildings.
- Worked in Revit and AutoCAD for projects.
- Contributed to client meetings.
- Respond to client queries.
- Prepared and performed various presentations for client and contractor meetings.
- Quality checks were adhered according to company norms

## Languages known

---

- English
- Malayalam
- Hindi
- Tamil.

## Internships

---

- Alappuzha-Changanassery Semi Elevated Highway Project
- Indroyal-The Uptown project, Trivandrum under Colliers International
- ULCCS Matter Laboratory Quality Control Testing-Kozhikode
- Kerala State Construction Corporation Limited – Intern Civil Engineer

## Projects

---

- Micro and Macro scheduling of Material, Manpower and Machinery Procurement,2022.
- Dissertation & Publication: Crushed glass as fine aggregate in modified pavements – A Review, International Journal of Industrial Engineering, January 2018.
- Feasibility Study of Bicycling Infrastructure in the metropolis of Chennai,2016

## Achievements

---

- Participated and Semi Finalist in district badminton tournament, Trivandrum.
- Participated and Runner Up (Badminton) in College Inter Department Cultural Events.
- Was a Member of Indian Concrete Society.
- Attended the 79th Indian Road Congress Annual Session, 2018 at Nagpur, India.

## Grasim Cellulosic Division, Aditya Birla Group, Bharuch, Gujarat–Site Supervision Engineer

February 2019 – September 2019

- Worked on Vilayat VSF Plant Expansion Project
- Checked technical designs and drawings to ensure they are followed correctly.
- Set out, levelled and surveyed culvert and retaining wall construction.
- Checked safety measures for work conditions and of employees.
- Contributed to a safer work environment along with personal & professional development

## Sree Dhanya Constructions, Trivandrum – Highway Engineer

June 2018 – February 2019

- Worked on Hill Highway Project.
- Checked technical designs and drawings to ensure they are followed correctly.
- Conduct surveys, studies and site investigations.
- Set out, levelled and surveyed culvert and retaining wall construction.
- Provided Solutions to problems arising at road construction sites and excavation sites.
- Supervise project employees and sub-contractors.
- Prepared reports detailing site activities, incidents and resolutions